

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10505224
Filing Date		2004-08-20
First Named Inventor	Yoshinori TESHIMA	
Art Unit		
Examiner Name		
Attorney Docket Number	ASAIN0150	

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	4	6075538		2000-06-13	Shu et al.	
	5	6214279		2001-04-10	Yang et al.	
	6	6471800	B2	2002-10-29	Jang et al.	
	7	6606528	B1	2003-08-12	Hagmeier et al.	
	8	6627835	B1	2003-09-30	Chung et al.	

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9	6643560	B2	2003-11-04	Shimomura	
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	1	0 938 949	EP	A1	1999-09-01	The Institute of Physical and Chemical Research		<input type="checkbox"/>

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	2	1 229 463	EP	A2	2002-08-07	Riken		<input type="checkbox"/>
	3	02-236677	JP		1990-09-19	Hitachi Ltd		<input type="checkbox"/>
	4	03-021432	JP		1991-01-30	E I DuPont De Nemours & Co		<input type="checkbox"/>
	5	04-075850	JP		1992-03-10	Hitachi Seiki Co Ltd		<input type="checkbox"/>
	6	06-315849	JP		1994-11-15	Nikon Corp		<input type="checkbox"/>
	7	07-057089	JP		1995-03-03	Toshiba Corp		<input type="checkbox"/>
	8	07-334541	JP		1995-12-22	Hitachi Ltd		<input type="checkbox"/>
	9	10-063873	JP		1998-03-06	ATR Tsushin Syst Kenkyusho:KK		<input type="checkbox"/>
	10	11-096400	JP		1999-04-09	Hitachi Ltd		<input type="checkbox"/>
	11	2000-182081	JP		2000-06-30	Suzuki Motor Corp.		<input type="checkbox"/>
	12	2000-194881	JP		2000-07-14	Suzuki Motor Corp		<input type="checkbox"/>

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	13	2000-340476	JP		2000-12-08	Semiconductor Leading Edge Technologies Inc		<input type="checkbox"/>
	14	2001-022961	JP		2001-01-26	Ricoh Co Ltd		<input type="checkbox"/>
	15	2001-025023	JP		2001-01-26	Nippon Telegr & Teleph Corp (NTT)		<input type="checkbox"/>
	16	2001-370040	JP			Riken		<input type="checkbox"/>
	17	2002-024306	JP		2002-01-25	Suzuki Motor Corp		<input type="checkbox"/>
	18	2001-225393	JP		2001-08-21	Teijin Seiki Co Ltd		<input type="checkbox"/>
	19	2002-230054	JP		2002-08-16	Institute of Physical & Chemical Research		<input type="checkbox"/>
	20	2003-044528	JP		2003-02-14	Fuji Heavy Ind Ltd		<input type="checkbox"/>
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1	AVILA, RICARDO S., et al., "A Haptic Interaction Method for Volume Visualization," October 27, 1996, pp. 197-204	<input type="checkbox"/>
2	AYALA, D., et al., "Object Representation by Means of Nonminimal Division Quadrees and Octrees," ACM Transactions on Graphics, January 1985, pp. 41-59, Vol. 4, No. 1.	<input type="checkbox"/>
3	HOFFMANN, CHRISTOPH M., "The Problems of Accuracy and Robustness in Geometric Computation", March 1989, pp. 31-41.	<input type="checkbox"/>
4	JU, TAO, et al. "Dual Contouring of Hermite Data," pp. 1-8.	<input type="checkbox"/>
5	KASE, K. et al., "Volume CAD", Volume Graphics, pp. 145-173, 2003.	<input type="checkbox"/>
6	LORENSEN, WILLIAM E. et al., "Marching Cubes: A High Resolution 3D Surface Construction Algorithm", Computer Graphics, Vol. 21, No. 4, pp. 163-169.	<input type="checkbox"/>
7	NAVAZO, I. et al., "A Geometric Modeller based on the Exact Octree Representation of Polyhedra", Computer Graphics Forum 5, pp. 91-104, 1986.	<input type="checkbox"/>
8	NAVAZO, I., "Extended Octree Representation of General Solids with Plane Faces; Model Structure and Algorithms", Comput. & Graphics, Vol. 13, No. 1, pp. 5-16, 1989.	<input type="checkbox"/>
9	ROY, U., et al., "Computation of a geometric model of a machined part from its NC machining programs," Computer-Aided Design, 1999, pp. 401-411, No. 31	<input type="checkbox"/>
10	SHUTE, GARY, "Overview of C Programming," August 23, 1999, http://www.d.umn.edu/~gshute/C/overview.html , printed November 1, 2004	<input type="checkbox"/>
11	TESHIMA, YOSHINORI et al., "Shape Approximation, Cube Cutting and Enumeration", ISM Symposium 2003 - Statistics, Combinatorics and Geometry-20-22, p. 9, 2003.	<input type="checkbox"/>

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	12	YAMAGUCHI, K. et al, "Computer-Integrated Manufacturing of Surfaces Using Octree Encoding," IEEE CG&A, January 1984, pp. 60-62	<input type="checkbox"/>
	13	ZESHENG, TANG, "Octree Representation and Its Applications in CAD," Journal of Computer Science and Technology, 1992, pp. 29-38, Vol. 7, No. 1	<input type="checkbox"/>

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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Joerg-Uwe Szipl/	Date (YYYY-MM-DD)	2006-12-08
Name/Print	Joerg-Uwe Szipl	Registration Number	31799

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